

## Naranjo, Eugenia

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**From:** Naranjo, Eugenia  
**Sent:** Tuesday, June 02, 2015 2:09 PM  
**To:** Paul Brzozowski  
**Subject:** RE: Revised UFP-QAPP for Dioxin Investigation

Thank you for this information Paul. As you know, we already took samples at 10.9 and Third River. However, after we sample the cells and get that data back we will evaluate what additional steps to take.  
eugenia

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**From:** Paul Brzozowski [mailto:pbrzozowski@tierrasolutionsinc.com]  
**Sent:** Tuesday, June 02, 2015 8:19 AM  
**To:** Naranjo, Eugenia  
**Subject:** RE: Revised UFP-QAPP for Dioxin Investigation

Thanks Eugenia.

Question.... Are you not collecting any more sediment samples in River? I ask because after going back and looking at some data and the QAPP I noticed that no samples were collected by the known and significant Givaudan site stormwater discharge point to the River near RM 11.5. When we did our sampling for HCX we found some of the highest HCX concentrations there at the outer bend of the River. See below. Figure showing EPA locations with Tierra's locations is shown below and on this dropbox link. <https://www.dropbox.com/HCX locations>

Hope all is well.

Sampling Entity	Sample ID B1 and B2	Location	Depth from (ft.)	Depth to (ft.)	HCX (ppt)	HCP (ppt)	2,3,7, (
Tierra	B01-SD1-000-006	RM. 11.5	0.0	0.5	4.91		
Tierra	B01-SD1-006-012	RM. 11.5	0.5	1.0	6.98		
Tierra	B01-SD1-012-018	RM. 11.5	1.0	1.5	ND (2.86)		
Tierra	B01-SD1-018-024	RM. 11.5	1.5	2.0	44.50		
Tierra	B01-SD1-024-030	RM. 11.5	2.0	2.5	39.40		
Tierra	B01-SD1-030-036	RM. 11.5	2.5	3.0	182.00		
Tierra	B01-SD1-036-042	RM. 11.5	3.0	3.5	1,570.00		
Tierra	B01-SD1-042-048	RM. 11.5	3.5	4.0	305.00		
Tierra	B02-SD1-000-006	RM. 11.5	0.0	0.5	3.50		
Tierra	B02-SD1-006-012	RM. 11.5	0.5	1.0	5.07		
Tierra	B02-SD1-012-018	RM. 11.5	1.0	1.5	17.30		
Tierra	B02-SD1-018-024	RM. 11.5	1.5	2.0	65.30		
Tierra	B02-SD1-024-030	RM. 11.5	2.0	2.5	17.20		
Tierra	B02-SD1-030-036	RM. 11.5	2.5	3.0	42.00		
Tierra	B02-SD1-036-042	RM. 11.5	3.0	3.5	1,200.00		
Tierra	B02-SD1-042-048	RM. 11.5	3.5	4.0	27.80		
Tierra	B02-SD1-048-054	RM. 11.5	4.0	4.5	7.89		
Tierra	B02-SD1-054-060	RM. 11.5	4.5	5.0	2.98		
Tierra	B02-SD1-060-066	RM. 11.5	5.0	5.5	4.07		
Tierra	B02-SD1-066-072	RM. 11.5	5.5	6.0	ND (1.88)		



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**From:** Naranjo, Eugenia [<mailto:Naranjo.Eugenia@epa.gov>]

**Sent:** Monday, June 1, 2015 5:08 PM

**To:** Paul Brzozowski

**Subject:** Revised UFP-QAPP for Dioxin Investigation

Hello Paul,

I hope all is well. Find attached the updated Passaic River Dioxin Investigation QAPP. We are targeting the week of June 29 for sampling the Givaudan cell and the Lister Avenue cap. I will keep you updated. Thanks,

Eugenia

Eugenia Naranjo

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